

Water-Data Report 2008

401229074290001 Local number 250800 MW 72 NJ Permit Number 28-48499

Northern Atlantic Coastal Plain aquifer system
Mount Laurel Sand-Wenonah Formation

Monmouth County, NJ

LOCATION.--Lat 40°12'29", long 74°29'00" referenced to North American Datum of 1927, Upper Freehold Township, Monmouth County, NJ, Hydrologic Unit 02040105, Mitchell Rd, Assunpink Wildlife Management Area.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 18.5 ft. Upper casing diameter 2 in; top of first opening 13.5 ft, bottom of last opening 18.5 ft. Drilled water-table well.

DATUM.--Land-surface datum is 152 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of protective casing, 1.83 ft above land-surface datum, May 1, 2005, to present.

PERIOD OF RECORD.--May 2005 to current year.

GAGE.--Submersible logger pressure transducer--60 minute recording interval.

EXTREMES FOR PERIOD OF RECORD.--Highest water level, 1.27 ft below land surface, Apr. 16, 2007; lowest, 10.30 ft below land surface, Sept. 28, 2008.

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DEPTH TO WATER LEVEL, FEET BELOW LAND SURFACE
WATER YEAR OCTOBER 2007 TO SEPTEMBER 2008
DAILY MEAN VALUES

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	8.35	---	---	---	9.05	8.48	8.22	---	---	8.67	9.21	9.91
2	8.37	---	---	---	8.92	8.51	8.27	---	---	8.72	9.24	9.94
3	8.39	---	---	---	8.82	8.50	8.29	---	---	8.74	9.27	9.96
4	8.41	---	---	---	8.80	8.49	8.24	---	---	8.77	9.30	9.98
5	8.44	---	---	---	8.79	8.49	8.27	---	---	8.74	9.32	10.01
6	8.46	---	---	---	8.79	8.52	8.30	---	---	8.79	9.34	9.99
7	8.48	---	---	---	8.82	8.48	8.31	---	---	8.82	9.37	9.97
8	8.50	---	---	---	8.85	8.39	8.32	---	---	8.84	9.39	10.0
9	8.52	---	---	---	8.85	8.14	8.32	---	---	8.86	9.42	10.01
10	8.54	---	---	---	8.86	8.08	8.32	---	---	8.89	9.44	10.03
11	8.53	---	---	---	8.90	8.08	8.32	---	---	8.92	9.45	10.05
12	8.47	---	---	---	8.91	8.10	8.31	---	---	8.94	9.47	10.06
13	8.50	---	---	---	8.77	8.13	8.34	---	8.52	8.95	9.50	10.06
14	8.53	---	---	---	8.39	8.13	8.37	---	8.41	8.98	9.52	10.06
15	8.56	---	---	---	8.36	8.15	8.39	---	8.21	9.00	9.50	10.09
16	8.59	---	---	9.05	8.41	8.18	8.41	---	8.38	9.03	9.54	10.11
17	8.61	---	---	9.04	8.41	8.21	8.41	---	8.44	9.05	9.56	10.13
18	8.63	---	---	9.02	8.41	8.20	8.41	---	8.48	9.07	9.59	10.15
19	8.64	---	---	8.94	8.45	8.16	8.43	---	8.50	9.10	9.61	10.17
20	8.66	---	---	8.91	8.47	8.18	8.45	---	8.53	9.12	9.64	10.18
21	8.69	---	---	8.95	8.48	8.21	8.48	---	8.56	9.14	9.66	10.20
22	---	---	---	8.93	8.47	8.18	8.49	---	8.57	9.17	9.69	10.23
23	---	---	---	8.94	8.48	8.20	8.49	---	8.59	9.14	9.71	10.25
24	---	---	---	8.96	8.50	8.20	8.51	---	8.61	8.96	9.73	10.27
25	---	---	---	8.99	8.49	8.20	---	---	8.64	9.11	9.75	10.28
26	---	---	---	9.00	8.47	8.19	---	---	8.64	9.16	9.78	10.28
27	---	---	---	9.01	8.48	8.20	---	---	8.66	8.84	9.80	10.28
28	---	---	---	9.02	8.52	8.20	---	---	8.67	8.92	9.82	10.27
29	---	---	---	9.02	8.52	8.25	---	---	8.69	9.06	9.85	10.00
30	---	---	---	9.03	---	8.27	---	---	8.56	9.12	9.87	10.00
31	---	---	---	9.09	---	8.24	---	---	---	9.17	9.89	---
Mean	---	---	---	---	8.64	8.26	---	---	---	8.96	9.56	10.10
Max	---	---	---	---	9.05	8.52	---	---	---	9.17	9.89	10.28
Min	---	---	---	---	8.36	8.08	---	---	---	8.67	9.21	9.91

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